

**ABSTRACT**

A system and method for aiding the handling of DDoS attacks in which VPN traffic entering an ISP network at some points will be black-holed, while VPN traffic entering the ISP network at other points will be routed, as it should be, to the system-under-attack. Thus, the  
5 system-under-attack is made available to some of the user community and made unavailable to suspect portions of the user community. Furthermore, the number of entry points where black-holing of VPN traffic occurs can be selected and changed in real-time during a DDoS attack.